REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and the reasons that follow. Independent Claims 1, 8, 9, 15-17, 22, and 25 have been amended. Support for these amendments can be found at least in paragraph [0027] of the current application. Claims 1-25 are pending in this application.

I.   Claim Rejections Under 35 U.S.C. § 103 regarding 3GPP TS 23.234 V6.0.0 2004-03 in view of Moon (US 2003/0163577 A1)

In section 4 of the Office Action, Claims 1-4, 6-12, and 14-25 are rejected under 35 U.S.C. 103(a) as allegedly being obvious over 3GPP TS 23.234 V6.0.0 2004-03 (hereinafter "3GPP") in view of Moon, U.S. Publication No. (US 2003/0163577 A1) (hereinafter "Moon"). Independent Claims 1, 8, 9, 15-17, 22, and 25 have been amended, rendering this rejection moot. Applicant submits that 3GPP and Moon, alone or in combination, fail to teach, suggest, or disclose each and every limitation of at least amended Claims 1, 8, 9, 15-17, 22, and 25. Although Applicant did amend the claims, Applicant does not concede the propriety of the rejection.

A. The combination of 3GPP and Moon fails to teach, suggest, or disclose the claimed "wherein the resource authorization identifier is an authorization token in an internet protocol multimedia subsystem."

Amended Claim 1 recites in part "wherein the resource authorization identifier is an authorization token in an internet protocol multimedia subsystem." Independent Claims 8, 9, 15-17, 22, and 25, although of different scope, contain a similar element. Each of the remaining pending claims depends upon one of the independent claims, and therefore, incorporates a similar element.

On page 3 of the Office Action, discussing the "resource authorization identifier" the Examiner asserts:

[3GPP discloses] communicating a resource authorization identifier to the mobile terminal (Pages 35 and 36, "the WLAN UE sends a **NAI** to the WLAN AN ... If the WLAN AN is not able to route the authentication request (e.g., in the case where the WLAN AN receives an initial NAI", also see Fig. 4.1, Paragraph 5.1, lines 14-15 and page 12, lines 12-18, "WLAN Access Authorization", "Access to 3GPP PS based services shall be provided via WLAN", note that at least one resource authorization identifier is disclosed e.g., UE's local IP address, *WLAN Authentication signaling*, the Network Access Identifier (NAI), keying material and/or authorization information)

(Underlining in the original; Emphasis added in bold).

Paragraph 5.1, lines 14-20 and page 12, lines 12-18 of 3GPP provide:

WLAN Access Authorization shall occur upon the success of the authentication procedure. It shall take into account the user's subscription profile and optionally information about the WLAN AN, such as WLAN AN operator name, WLAN AN location information (e.g., country, telephone area code, city), WLAN AN throughput (e.g., maximum and minimum bandwidth guarantees for both ingress and egress traffic). This information is used to enable use-case scenarios like location based authentication/authorization, location based billing/customer care, and location based service offerings.

…

-       Access to 3GPP PS based services shall be provided via WLAN. The interworking architecture shall be able to support all 3GPP PS based services.

-       Access to PS based services normally provided by the 3GPP PS Core Network shall be provided via WLAN. WLAN access to these services shall support the same features as those supported via the 3GPP PS Core Network according to operator choice, e.g. private addressing schemes, external address allocation, secure tunneling to private external network. Quality of Service shall be supported when accessing these services via WLAN, although some limitations may exist because of the WLAN AN.

Thus, the cited portions of 3GPP discuss authentication. Applicant submits that the cited 3GPP authentication procedures do not disclose the claimed "wherein the resource authorization identifier is an authorization token in an internet protocol multimedia subsystem."

In Section 6 of the Office Action, the Examiner responded to the Applicant's previous arguments regarding the cited art failing to teach, suggest, or disclose a "network resource identifier." Specifically, the Examiner cites to the above sections of 3GPP and page 12 of 3GPP, which provides in part:

> WLAN Authentication signalling is executed between WLAN UE and 3GPP AAA Server for the purpose of authenticating the end-user and authorizing the access to the WLAN and 3GPP network.
>
> …
>
> After the authentication process succeeds, there could be additional conditions for the 3GPP AAA Server to decide whether the access is allowed and what access rules/policy should be applied. These conditions may be based on the subscriber's profile, the account status, O&M rules, local agreements or information about the WLAN AN.

Thus, the cited portions of 3GPP generally discuss authorization. Applicant submits that generally discussing that "additional conditions" determine what "access rules/policy" are applied is not the same as the claimed "resource authorization identifier … wherein the resource authorization identifier is an authorization token in an internet protocol multimedia subsystem."

In the Advisory Action, the Examiner asserts that

> The cited 3GPP document refers to and builds on the Mobile IP (MIP) technologies described in RFC 2893 by Gilligan and RFC 2002 by Perkins.
>
> According to the descriptions of 3GPP including the recitations from the RFCs,
>
> The WLAN is the foreign network, where the terminal is roaming into. In other words, the WLAN has the foreign network with a

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Foreign agent. The mobile network is the Home network with the Home Agent. When the terminal roams into the WLAN (foreign network) and consequently changes its attachment point, it has to start signaling (registration and authentication) to make its presence known by registering with the WLAN and receiving a "care of address" (COA). The mobile node communicates this COA to the home agent. This COA inherently allows the roaming terminal to use the resources of the WLAN. Thus, the COA identifies that the terminal has been authorized to use the resources of the WLAN. Accordingly, it serves as an identifier (RAI). Please note that the tunnel is also based on this COA. Thus, based on the broadest interpretation of the claim the COA is equivalent to the Resource Identification Identifier. The applicant is advised to specifically claim that the Resource Authorization Identifier is the authorization identifier as in IMS in order to expedite the solicitation towards an allowance. Further, 3GPP discloses on page 13: AAA server verifying whether WLAN Access should be allowed to a subscriber and deciding what access rules/policies (e.g. bandwidth) should be applied to a subscriber ... using UE's local IP address allocation.... The 3GPP AAA server selects a W-APN based on the requested W-APN and on the user's subscription ... The service request shall be indicated by a tunnel establishment request ...

3GPP further discloses on page 34, List of W-APNs for which the user will have services available.... From at least the above citations of 3GPP document, a person of ordinary skill in the art would be able to interpret the "resource authorization identifier" as access rules/policies (e.g. bandwidth), UE's local IP address (Which is the same as the COA). 3GPP in the above citation shows that the binding of the tunnel is dependent on the IP address, thus, the 3GPP discloses at least one "resource authorization identifier."

Applicant submits that a "care of address," "access rules/policies," and a user equipment's "local IP address" as disclosed above are not the same as the claimed "resource authorization identifier ... wherein the resource authorization identifier is an authorization token in an internet protocol multimedia subsystem."

For at least these reasons, Applicant respectfully requests the withdrawal of the rejection for Claims 1-4, 6-12 and 14-25.

II.   Claim Rejections Under 35 U.S.C. § 103 regarding 3GPP TS 23.234 V6.0.0 2004-03 in view of Moon (US 2003/0163577 A1) and further in view of Oba *et al.*, (US 2005/0163078)

On page 8 of the Office Action, Claims 5 and 13 are rejected under 35 U.S.C. 103(a) as allegedly being obvious over 3GPP in view of Moon and in further view of Oba *et al.*, (US 2005/0163078) (hereinafter "Oba"). Independent Claims 1 and 9, upon which Claims 5 and 13 depend, have been amended, rendering this rejection moot. Applicant submits that the combination of 3GPP, Moon and Oba fail to teach, suggest, or disclose each and every element of at least independent Claims 1 and 9.

Applicant asserts that Oba, alone or in combination with 3GPP and Moon, fails to remedy the deficiencies of 3GPP and Moon as discussed in section II above. As such, for at least the reasons above in section I, Applicant respectfully requests withdrawal of the rejection of Claims 5 and 13.

III.   Conclusion

Favorable reconsideration of the application as amended is respectfully requested. The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the credit card payment instructions in EFS-Web being incorrect or absent, resulting in a rejected or incorrect credit card transaction, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date_____ September 30, 2010 _____   By _____

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